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K liters/mole is the affinity constant of said binding agent for said analyte;

(b) contacting the loaded support with the liquid sample to be analyzed, such that each of the spots is contacted in the same step with said liquid sample, the amount of liquid used in said sample being such that only an insignificant proportion of any analyte present in said liquid sample becomes bound to said binding agent specific for said analyte; and

(c) thereafter contacting the loaded support with site-recognition reagents which recognize either the unfilled binding sites or filled binding sites of that binding agent, the site-recognition reagents being labelled with markers from which the fractional binding site occupancy for each binding agent is determined.

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conceded

5. The method of claim 4, wherein the site-recognition reagents are labelled with fluorescent markers.

6. The method of claim 4, wherein the presence of the site-recognition reagents on each respective binding agent is determined consecutively.

7. The method of claim 4, wherein the presence of the site-recognition reagents on each respective binding agent is determined simultaneously.

8. The method of claim 4, further comprising, after step (c), calculating the concentration level of each reagent using the determined value of the fractional binding site occupancy.

REMARKS

By way of supplementing applicant's Request for Reconsideration Under 37 C.F.R. §1.111, which was filed in response to the Official Action dated October 16, 1996 (Paper

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